

# Material Safety Data Sheet

SodMoly  
Issue Date: 12/11

p. 1 of 4

---

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

---

### CHEMICAL PRODUCT

SodMoly 39.6% Sodium Molybdate

Chemical Description: Sodium molybdate dihydrate  
TCSA/CAS No.: The primary CAS number is 7631-95-0

### MANUFACTURED FOR

Fertilizer Company of Arizona, Inc.  
2850 South Peart Road  
Casa Grande, Arizona 85193-9024

### Emergency Phone Numbers

Emergency Telephone: 520.836.7477  
Riverside Environmental Services, Inc. (24-hour Emergency Number): 928.783.3803  
EPA National Response Center: 800.424.8802

---

## SECTION 2. HAZARDOUS INGREDIENTS

---

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV OR PEL</u>	<u>RO (lbs.)</u>
Molybdenum Dihydrate	7631-95-0	39.6	5 mg/m <sup>3</sup>	Not pertinent

---

## SECTION 3. EMERGENCY/HAZARDS OVERVIEW

---

White or colorless crystals.  
Not D.O.T. regulated.

HEALTH: 1	REACTIVITY: 0	FLAMMABILITY: 0	ENVIRONMENT: 1	
(0=Insignificant)	1=Slight	2=Moderate	3=High	4=Extreme)

---

## SECTION 4. FIRST AID

---

Eyes: Immediately flush eyes with large quantities of water for 15 minutes, occasionally lifting the lower and upper lids. If irritation persists, seek medical attention.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. See a physician if skin becomes irritated.

Ingestion: If conscious and alert, drink water or milk to dilute, then induce vomiting. Call a physician or Poison Control Center.

Inhalation: Move to fresh air. If breathing becomes difficult, call a physician.

## Material Safety Data Sheet

SodMoly  
Issue Date: 12/11

p. 2 of 4

---

### SECTION 5. FIRE AND EXPLOSION HAZARDS

---

Flash Point:	Noncombustible
Test Method:	Not pertinent
LEL Flammable Limits:	Not pertinent
UEL Flammable Limits:	Not pertinent
Autoignition Temperature:	Not pertinent
Flammability Classification:	Nonflammable
Known Hazardous Products of Combustion:	None known
Properties that Initiate/Contribute to Intensity of Fire:	None
Potential for Dust Explosion:	None
Reactions that Release Flammable Gases or Vapors:	Not known
Potential for Release of Flammable Vapors:	None
Unusual Fire & Explosion Hazards:	None
Extinguishing Media:	Not pertinent
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.

---

### SECTION 6. SPILLS AND LEAKS

---

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Sweep up and use according to labeling or package for disposal.
Evacuation:	Not necessary

---

### SECTION 7. STORAGE AND HANDLING

---

Storage:	Store in a cool, dry place. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Harmful if swallowed or inhaled. Avoid breathing dusts or spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove contaminated clothing and wash thoroughly before reuse. Do not contaminate feed and foodstuffs. Do not apply this product in such a manner as to directly or through drift expose workers or other persons.

---

### SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

---

Eyes:	Chemical dust/splash goggles to keep dust out of eyes. For solutions of product, use chemical/dust splash goggles or full-face shield. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Not normally needed but recommend NIOSH-approved respirator for nontoxic nuisance dust. If use in solution generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

## Material Safety Data Sheet

SodMoly  
Issue Date: 12/11

p. 3 of 4

---

### SECTION 9. PHYSICAL AND CHEMICAL DATA

---

Appearance:	White colorless crystal
Odor:	None
pH:	Not available
Vapor Pressure:	Not available
Vapor Density (Air=1):	Not available
Boiling Point:	Not available
Freezing Point:	Not available
Water Solubility:	65 g/100 cm <sup>3</sup> @ 20°C, soluble, 56% @ 20°C, and 84% @ 100°C
Density:	Not available
Evaporation Rate:	Non Vol. @ 38°C
Viscosity:	Not available
% Volatile:	Not available
Octanol/Water Partition Coefficient:	Not available
Saturated Vapor Concentration:	Not available

---

### SECTION 10. STABILITY AND REACTIVITY

---

Stability:	Stable
Conditions to Avoid:	None known
Incompatibility:	None known
Hazardous Decomposition Products:	None known
Hazardous Polymerization:	Will not occur

---

### SECTION 11. POTENTIAL HEALTH EFFECTS

---

#### Acute Effects:

Eyes:	Mild irritant. Vapors or mist may cause redness.
Skin:	Mild irritant, especially from prolonged exposure. May cause redness.
Ingestion:	May cause stomach cramps and/or nausea.
Inhalation:	None expected but aerosol mist may cause mild irritation of nasal mucous membranes.

**Subchronic Effects:** None known

**Chronic Effects:** None known

---

### SECTION 12. ECOLOGICAL INFORMATION

---

Algal/Lemna Growth Inhibition:	Not known
Toxicity to Fish and Invertebrates:	Not known
Toxicity to Plants:	Not known
Toxicity in Birds:	Not known

Material Safety Data Sheet

SodMoly  
Issue Date: 12/11

p. 4 of 4

---

SECTION 13. DISPOSAL

---

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

USEPA Hazardous Waste Number(s):	Not pertinent
Hazard Code:	Not pertinent
Description of Waste:	This product is not a hazardous waste according to EPA regulation 40 CFR 261.

---

SECTION 14. TRANSPORTATION

---

D.O.T. PROPER SHIPPING DESCRIPTION:	Not D.O.T. Regulated
OTHER SHIPPING INFORMATION:	Fertilizing Compounds (Manufactured), Dry, Pkgd. NMFC Item 68140 Sub 4, LTL Class 60

---

SECTION 15. REGULATORY INFORMATION

---

CERCLA:	None
SARA TITLE III, Section 313 Toxic Chemicals:	None
PROPOSITION 65 (CA):	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.